

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1298	(phosphor near1 (mixture combination blend aggregate conglomeration medley composition))	EPO; JPO; DERWENT	OR	ON	2010/06/29 10:11
L2	747	1 and ("Cl" "F" "Br" chlorine fluorine bromine)	EPO; JPO; DERWENT	OR	ON	2010/06/29 10:12
L3	2	2 and (antimonate fluoroantimonate "antimony oxide" "Sb.sub."\$10\$1)	EPO; JPO; DERWENT	OR	ON	2010/06/29 10:13
L4	516	(phosphor near1 (mixture combination blend aggregate conglomeration medley composition).ab.)	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/29 10:15
L5	420	4 and ("Cl" "F" "Br" chlorine fluorine bromine)	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/29 10:16
L6	9	5 and (antimonate fluoroantimonate "antimony oxide" "Sb.sub."\$10\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/29 10:16
L7	34	((GUNDULA) near2 (ROTH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/29 10:19
L8	38	((WALTER) near2 (TEWS)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/29 10:19
L9	0	(7 8) and (phosphor first second third mixture antimonate titanate alkaline earth metal).clm.	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/29 10:21
S1	40730	"252".clas. and @ad<"20021220"	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 08:30
S2	4977	S1 and (phosphor fluorescent luminescent)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 08:30
S3	2969	S2 and ((color temperature)) "nm" "Eu" "Mn" "Ge")	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 08:32
S4	2	S2 and ((fluoroantimonate)) ("SbF")	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 09:02
S5	0	S2 and (antimony with flouri\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 09:04

S6	:0	S2 and (("Be" "Mg" "Ca" "Sr" "Ba" "Ra") with flouri\$2)	US_PGPUB; USPAT; USOCR	OR	ON	2008/05/16 09:05
S7	:0	S2 and ("alkaline earth metal antimonate")	US_PGPUB; USPAT; USOCR	OR	ON	2008/05/16 09:07
S8	:7	("alkaline earth metal antimonate")	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 09:07
S9	10761	("alkaline earth metal") with ("F" fluoride fluorine)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 09:12
S10	3734	S9 and @ad< "20021220"	US_PGPUB; USPAT; USOCR	OR	ON	2008/05/16 09:13
S11	555	S10 and (phosphor fluorescent luminescent)	US_PGPUB; USPAT; USOCR	OR	ON	2008/05/16 09:13
S12	:0	S11 and "fluoroantimonate"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 09:21
S13	:0	S11 and "fluoro\$antimonate"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 09:21
S14	:0	S11 and "SbF"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 09:21

S15	:88	S11 and ("Sb" "Antimony")	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 09:22
S16	:0	S15 and (MgSb206 CaSb206 Ca2Sb207 CasSb206F)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 09:43
S17	:8	MgSb206 CaSb206 Ca2Sb207 CasSb206F	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 09:44
S18	:0	S11 and \$10Sb\$2F	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 09:50
S19	:11631	\$10Sb\$2F	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 09:51
S20	:11315	S19 and \$7Sb\$2F	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 09:52

S21	:54	S20 and phosphor	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 09:53
S22	:45	"Mg.sub.2TiO.sub.4" "MgZnTiO.sub.4" "MgBeTiO.sub.4" "CaMgTiO. sub.4"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 09:58
S23	:8	S22 and phosphor	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 09:58
S24	:0	S23 and @ad<"20021220"	US_PGPUB; USPAT; USOCR	OR	ON	2008/05/16 09:58
S25	:14	("20040043625" "20040096587" "20050233171" "3980763" "5589284" "6013553" "6045626" "6291866" "6436801" "6573209" "6642539" "6645639" "6784139" "6852160").PN.	US_PGPUB; USPAT; USOCR	OR	ON	2008/05/16 09:59
S26	:186	Ca\$2Sb\$2O\$2 Ca\$4Mg\$4Sb\$2O\$2F\$2 Ca\$2Sb\$2O\$2F\$4Cl\$4 Ca\$4Li \$4Sb\$2O\$2 MgSb\$2O\$2	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 10:09
S27	:3	S26 and phosphor	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 10:09

S28	:30	S26 and fluorescent	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 10:16
S29	:0	Ca\$4Sr\$4Sb\$4Nb\$4O\$2 Ca\$4Li\$4Sb\$4Si\$4O\$2 Ca\$4K\$4Sb\$4Ge\$4O\$4 Ca\$4Mg\$4Li\$4Sb\$4Ti\$4O\$2	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 10:20
S30	:0	Ca\$6Sr\$6Sb\$6Nb\$6O\$2 Ca\$6Li\$6Sb\$6Si\$6O\$2 Ca\$6K\$6Sb\$6Ge\$6O\$6 Ca\$6Mg\$6Li\$6Sb\$4Ti\$6O\$2	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 10:22
S31	:0	Ca\$6Eu\$6Sb\$2O\$2 Sr\$4Zn\$4Sb\$2O\$2	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 10:23
S32	:13	Mg\$2Sb\$2O\$2	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 10:23
S33	:4	S32 and @ad<"20021220"	US_PGPUB; USPAT; USOCR	OR	ON	2008/05/16 10:24
S34	:1	"MgSb.sub.2O.sub.6"	US_PGPUB; USPAT; USOCR	OR	ON	2008/05/16 10:25
S35	:2	"CaSb.sub.2O.sub.6" "Ba.sub.2Sb.sub.2O.sub.7" ""Ca.sub.2Sb.sub.2O. sub.6F" Ca\$4Mg\$4Sb.sub.2O.sub.6F ""Ca.sub.2Sb.sub.2O.sub.6F\$4Cl \$4 ""SrSb.sub.2O.sub.6"" ""BaSb.sub.2O.sub.6"" ""Ca.sub.2Sb. sub.2O.sub.7"" ""Sr.sub.2Sb.sub.2O.sub.7"""	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 10:35

S36	45	"Mg.sub.2TiO.sub.4" "MgZnTiO.sub.4" "MgBeTiO.sub.4" "CaMgTiO.sub.4"	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 10:49
S37	11	S36 and (phosphor fluorescent luminescent)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 10:53
S38	1	S37 and @ad<"20021220"	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 10:53
S39	14	("20040043625" "20040096587" "20050233171" "3980763" "5589284" "6013553" "6045626" "6291866" "6436801" "6573209" "6642539" "6645639" "6784139" "6852160").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 10:57
S40	10761	("alkaline earth metal") with ("F" fluoride fluorine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 11:07
S41	3734	S40 and @ad<"20021220"	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 11:07
S42	555	S41 and (phosphor fluorescent luminescent)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 11:07
S43	3	S42 and (("alkaline earth metal") with "F" with ("antimonate" antimony "Sb"))	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 11:07
S44	0	("301.4").clas.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 11:33
S45	423	252/301.4p	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 11:37
S46	7254	"Eu" with (mn mg)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 11:37
S47	63	S45 and "Eu" with (mn mg)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 11:37
S48	45	S47 and @ad<"20021220"	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 11:38
S49	5	S48 and "Ge"	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 11:44
S50	0	S48 and germinate	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 11:57
S51	19	S46 and ("SiO.sub.4" with "GeO.sub.4")	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 11:59

S52	17	S51 and @ad<"20021220"	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 11:59
S53	540	(252/301.4\$.ccls. or 252/301.5.cccls. or 252/301.6\$.cccls) and ((eu or europium or "eu.sup.2" or "eu.sup.2+" or "eu.sup.+2" or eu1 or Eu22 or eu2\$1) with (mn or manganese or "mn.sup.2" or mnii or mn2\$1 or mn?2 or "mn.sup.2+" or "mn.sup.+2"))	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 13:04
S54	286	S53 and @ad<"20021220"	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 13:04
S55	273	S54 and ("Na" "K" "Rb" "Cs" "Li")	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 13:05
S56	71	S55 and (white with light)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 13:07
S57	17	S56 and ("Sb" antimony stibium antimonate)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 13:10
S58	0	S57 and ((("Sr" "Ba" "Cd" "Zn" "Be" "Mg" "Eu" "Mn" "Sc" "Y" "La" "Sm" "Pr" "Dy" "Tb") with ("Li" "Na" "K" "Rb" "Ca") with "Sb" with "O" with ("F" "Cl" "Br"))	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 13:22
S59	0	S55 and ((("Sr" "Ba" "Cd" "Zn" "Be" "Mg" "Eu" "Mn" "Sc" "Y" "La" "Sm" "Pr" "Dy" "Tb") with ("Li" "Na" "K" "Rb" "Ca") with "Sb" with "O" with ("F" "Cl" "Br"))	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 13:23
S60	1805	((("Sr" "Ba" "Cd" "Zn" "Be" "Mg" "Eu" "Mn" "Sc" "Y" "La" "Sm" "Pr" "Dy" "Tb") with ("Li" "Na" "K" "Rb" "Ca") with "Sb" with "O" with ("F" "Cl" "Br"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	ON	2008/05/16 13:24
S61	149	S60 and @ad<"20021220"	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 13:24
S62	2	S61 and phosphor	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 13:25
S63	0	S53 and (M\$3M\$3Sb\$2O\$2Br M\$3M\$3Sb\$2O\$2Cl M\$3M\$3Sb\$2O\$2F)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 13:37
S64	52	S56 and ("Na" "Li" "K" "Rb" "Ca")	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 13:48
S65	71	S56 and ("Na" "Li" "K" "Rb" "Cs")	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 13:51

S66	31	S56 and ("Na" "Li" "K" "Rb")	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/16 13:52
S67	30	313/503.clas.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/04 16:49
S68	1700	313/503.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/04 16:50
S69	660	S68 and @ad<"20021220"	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/04 16:51
S70	295	S69 and phosphor	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/04 16:51
S71	252	S70 and ("Eu" "Mn" manganese antimonate titanate germanate aluminate alkaline earth)	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/04 16:52
S72	242	S71 and (orange color red spectrum band "nm" temperature divalent bivalent)	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/04 16:53
S73	1700	313/503.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/05 13:49
S74	660	S73 and @ad<"20021220"	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/05 13:50
S75	330	S74 and (("Ca" calcium "Sr" strontium "Ba" Barium "Cd" Cadmium "Zn" Zinc "Be" Beryllium "Mg" magnesium "Eu" Europium "Mn" Manganese "Sc" Scandium "y" yttrium "La" lanthanum "Sm" samarium "Pr" praseodymium "Dy" dysprosium "Tb" terbium) with ("Li" lithium "Na" sodium "K" potassium "Rb" rubidium "Cs" cesium))	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/05 13:55
S76	30	S75 and (M\$3M\$3S\$20\$2X\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/05 13:57
S77	1	S75 and (M\$3M\$3S\$20\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/05 13:57
S78	51	S75 and phosphor.ti.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/05 14:01
S79	1700	313/503.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/06 06:02
S80	660	S79 and @ad<"20021220"	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/06 06:02

S81	\$30	S80 and ((("Ca" calcium "Sr" strontium "Ba" Barium "Cd" Cadmium "Zn" Zinc "Be" Beryllium "Mg" magnesium "Eu" Europium "Mn" Manganese "Sc" Scandium "y" yttrium "La" lanthanum "Sm" samarium "Pr" praseodymium "Dy" dysprosium "Tb" terbium) with ("Li" lithium "Na" sodium "K" potassium "Rb" rubidium "Cs" cesium))	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/06 06:02
S82	\$51	S81 and phosphor.ti.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/06 06:02
S83	\$2	S82 and (antimon\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/06 06:02
S84	\$49	S80 and (antimon\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/06 06:08
S85	\$159	(fluoroantimonate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/06 06:20
S86	\$74	S85 and @ad<"20021220"	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/06 06:20
S87	\$1046	(phosphor\$4 luminescen\$3 fluorescen\$3) and ("UV" ultra\$1 violet) and (white) and alkaline and metal and antimon\$4 and (titанат silicate germanate aluminate titanium silicon germanium aluminum) and ("Eu" europium "Mn" manganese)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/06 06:26
S88	\$514	S87 and @ad<"20021220"	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/06 06:26
S89	\$40764	"252".clas. and @ad<"20021220"	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/02 06:58
S90	\$7	S89 and ((alkaline near1 earth) with (antimony antimonate "Sb") with nm)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/02 06:58
S91	\$0	("alkaline near1 earth near1 metal near1 antimonate")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 07:12

S92	:10	((alkaline near1 earth near1 metal near1 antimonate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 07:13
S93	:1	"10" and ((alkaline near1 earth near1 metal near1 antimonate) with nm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 07:13
S94	:182	(phosphor luminescent fluorescent phosphorescent) and @ad<"20021220" and ("Sb.sub.2O.sub.3")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 07:22
S95	:3	S89 and ((alkaline near1 earth) with (antimonate "Sb.sub.2O.sub.3"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 07:37
S96	:2	("CaSb.sub.2O.sub.6")("Ca.sub.2Sb.sub.2O.sub.7")("CaSb.sub.2O. sub.6")("SrSb.sub.2O.sub.6")("Ba.sub.2Sb.sub.2O.sub.7")("Ca.sub.2Sb. sub.2O.sub.6F")("Ca.sub.1.5Mg.sub.0.5Sb.sub.2O.sub.6F")("Ca.sub.2Sb. sub.2O.sub.6F.sub.0.5Cl.sub.0.5")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 08:28
S97	:4	"3925239".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 08:36
S98	:1	"3925239".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/02 08:36

S99	:11	(europium with silicate with germanate) and nm	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 08:40
S100	:8	(europium with silicate with germanate) and (color near1 render\$3)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 08:48
S101	:0	(europium with silc\$4 with german\$4) and (color near1 render\$3)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 08:51
S102	:268	(manganese with (antimonate "Sb.sub.20.sub.3"))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 08:53
S103	:95	S102 and @ad<"20021220"	US_PGPUB; USPAT; USOCR	OR	ON	2008/10/02 08:54
S104	:0	S103 and ((color near1 render\$3) "CRI")	US_PGPUB; USPAT; USOCR	OR	ON	2008/10/02 08:55
S105	:32	S103 and ((wave\$1length) (nm))	US_PGPUB; USPAT; USOCR	OR	ON	2008/10/02 08:55
S106	:11748	((("Be" "Mg" "Ca" "Sr" "Ba" "Ra") (Beryllium Magnesium Calcium Strontium Barium Radium)) with ((antimonate "Sb.sub.20.sub.3") (antimony with oxide))	US_PGPUB; USPAT; USOCR	OR	ON	2008/10/02 09:37
S107	:6420	S106 and @ad<"20021220"	US_PGPUB; USPAT; USOCR	OR	ON	2008/10/02 09:38

S108	877	S107 and (phosphor luminescent fluorescent phosphorescent)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 09:38
S109	475	S108 and (wave\$1length nm)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 09:39
S110	405	S109 and nm	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 09:39
S111	205	S110 and (wave\$1length with nm)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 09:40
S112	23	S111 and "252".clas.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 09:45
S113	912	((("Be" "Mg" "Ca" "Sr" "Ba" "Ra") (Beryllium Magnesium Calcium Strontium Barium Radium)) with (antimonate "Sb.sub.2O.sub.3")	US_PGPUB; USPAT; USOCR	OR	ON	2008/10/02 09:50
S114	328	S113 and @ad<"20021220"	US_PGPUB; USPAT; USOCR	OR	ON	2008/10/02 09:50
S115	44	S114 and (phosphor luminescent fluorescent phosphorescent)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 09:50

S116	34	S115 and nm	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 10:53
S117	44	S114 and (phosphor luminescent fluorescent phosphorescent)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 10:07
S118	37	S117 and "red"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 10:08
S119	107	S114 and (antimony near1 trioxide)	US_PGPUB; USPAT; USOCR	OR	ON	2008/10/02 10:12
S120	2148	(phosphor luminescent fluorescent phosphorescent) and @ad<"20021220" and ("CRI" (color near1 render\$3))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 11:45
S121	1053	S120 and ("UV" (ultra\$1violet))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 11:46
S122	45	S121 and (((("CRI") (color\$1render\$3)) with ("90" "91" "92" "93" "94" "95" "96" "97" "98" "99"))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 11:47

S123	:10	(alkaline near1 earth near1 metal near1 antimonate)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 11:50
S124	:1	S123 and "CRI"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 11:50
S125	:31403	"257".clas. and (("LED") (light\$1emit\$3 near1 diode))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 11:55
S126	:12946	S125 and @ad<"20021220"	US_PGPUB; USPAT; USOCR	OR	ON	2008/10/09 11:55
S127	:38	S126 and (("CRI")) (color\$1render\$3))	US_PGPUB; USPAT; USOCR	OR	ON	2008/10/09 11:56
S128	:0	S127 and (light\$1guid\$3)	US_PGPUB; USPAT; USOCR	OR	ON	2008/10/09 12:48
S129	:1919	(LED and (light\$1guid\$3))	US_PGPUB; USPAT; USOCR	OR	ON	2008/10/09 12:49
S130	:764	S129 and @ad<"20021220"	US_PGPUB; USPAT; USOCR	OR	ON	2008/10/09 12:49
S131	:228	S130 and ("UV" (ultra\$1violet))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 12:49

S132	3	S131 and (phosphor with planar)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 13:31
S133	2375	(phosphor with (planar smooth\$3 flatten\$3))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 13:33
S134	896	S133 and @ad<"20011220"	US_PGPUB; USPAT; USOCR	OR	ON	2008/10/09 13:34
S135	87	S134 and LED	US_PGPUB; USPAT; USOCR	OR	ON	2008/10/09 13:38
S136	18	S135 and (phosphor with (thin near1 film))	US_PGPUB; USPAT; USOCR	OR	ON	2008/10/09 13:48
S137	1	"6734465".pn.	US_PGPUB; USPAT; USOCR	OR	ON	2008/10/09 14:22
S138	492	LED and (phosphor with (thin near1 film))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 15:07
S139	148	S138 and @ad<"20021220"	US_PGPUB; USPAT; USOCR	OR	ON	2008/10/09 15:07
S140	2	S131 and pelka.in.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 15:54

S141	:0	S135 and duffal.in.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 16:02
S142	:1	S135 and duggal.in.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 16:02
S143	:14	("3925239" "6734465" "20030085642" "20040169181" "6700322").pn.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 16:16
S144	:15	("3925239" "6734465" "20030085642" "20040169181" "6700322").pn.	US_PGPUB; USPAT; USOCR	OR	ON	2008/10/09 16:16
S145	:115	((alkaline near1 earth) with (antimonate "Sb.sub.20.sub.3"))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/10 08:57
S146	:16	("3278318" "4455384" "5334559" "6376399" "6911160").PN.	US_PGPUB; USPAT; USOCR	OR	ON	2008/10/10 09:03
S147	:568813	(phosphor fluorescent luminescent)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/10 14:50
S148	:269	S147 and (("fluoro\$1antimonate") ("SbF"))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/10 14:50

S149	:232	S148 and light	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/10 14:51
S150	:89	S149 and @ad<"20021220"	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/10 14:52
S151	:140	S149 not S150	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/10 14:59
S152	:650	S147 and antimonate	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/10 15:04
S153	:484	S152 and ((alkaline near1 earth) (fluorine fluoro\$7))	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/10 15:05
S154	:3	S152 and ((alkaline near1 earth) with antimonate)	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/10 15:06
S155	:1859	S147 and (manganese with (aluminate titanate silicate antimonate))	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/10 15:09
S156	:812	S155 and (manganese with activat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/10 15:10
S157	:707	S156 and light	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/10 15:10
S158	:548	S157 and ((light near1 emit\$4)/(luminescent))	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/10 15:11
S159	:550	S147 and ((manganese near1 activat\$3) with (aluminate titanate silicate antimonate))	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/10 15:12
S160	:248	S159 and @ad<"20021220"	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/10 15:12
S161	:107	S147 and ((manganese near1 activat\$3) with (aluminate titanate (silicate\$1germanate) antimonate))	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/10 15:17
S162	:55	S161 and @ad<"20021220"	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/10 15:17

S163	:0	(Ba\$1Na\$1Sb\$1O\$1F)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 07:44
S164	:0	(Ba\$1Li\$1Sb\$1O\$1F)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 07:45
S165	:0	(Ba\$1Li\$1Sb\$1O\$1Cl)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 07:45
S166	:0	(Ba\$1Na\$1Sb\$1O\$1Cl)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 07:45
S167	:4536	("antimonate")	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 07:48
S168	:4466	S167 and (lithium "Li" sodium "Na" potassium "K" rubidium "Rb" cesium "Cs")	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 07:51

S169	3645	S168 and (fluorine chlorine "Cl" "F")	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 07:52
S170	1345	S169 and @ad<"20021220"	US_PGPUB; USPAT; USOCR	OR	ON	2009/03/11 07:52
S171	26	S170 and phosphor	US_PGPUB; USPAT; USOCR	OR	ON	2009/03/11 07:55
S172	182	S169 and phosphor	US_PGPUB; USPAT; USOCR	OR	ON	2009/03/11 07:56
S173	3680	S167 and (lithium "Li" sodium "Na" potassium "K" rubidium "Rb" cesium "Cs")	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/11 07:56
S174	3087	S173 and (fluorine chlorine "Cl" "F")	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/11 07:57
S175	159	S174 and phosphor	US_PGPUB; USPAT; USOCR	OR	OFF	2009/03/11 07:57
S176	4536	("antimonate")	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 08:02
S177	3680	S176 and (lithium "Li" sodium "Na" potassium "K" rubidium "Rb" cesium "Cs")	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/11 08:02

S178	3087	S177 and (fluorine chlorine "C" "F")	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/11 08:02
S179	159	S178 and phosphor	US_PGPUB; USPAT; USOCR	OR	OFF	2009/03/11 08:02
S180	19	S179 and @ad<"20021220"	US_PGPUB; USPAT; USOCR	OR	ON	2009/03/11 08:02
S181	1546	S178 and (luminescen\$3 fluorescen\$4 phosphor\$5 (light\$1emit\$3))	US_PGPUB; USPAT; USOCR	OR	OFF	2009/03/11 08:06
S182	744	S181 and @ad<"20021220"	US_PGPUB; USPAT; USOCR	OR	ON	2009/03/11 08:07
S183	725	S182 not S180	US_PGPUB; USPAT; USOCR	OR	ON	2009/03/11 08:07
S184	38	S183 and (((luminescen\$3 fluorescen\$4 phosphor\$5 (light\$1emit\$3)).ab.) ((luminescen\$3 fluorescen\$4 phosphor\$5 (light\$1emit\$3)).ti.))	US_PGPUB; USPAT; USOCR	OR	OFF	2009/03/11 08:10
S185	768	S181 not phosphorus	US_PGPUB; USPAT; USOCR	OR	OFF	2009/03/11 08:13
S186	750	S185 not S180	US_PGPUB; USPAT; USOCR	OR	OFF	2009/03/11 08:13
S187	316	S186 and @ad<"20021220"	US_PGPUB; USPAT; USOCR	OR	ON	2009/03/11 08:13
S188	546	(Sb\$1O\$1F) (Sb\$1O\$1Cl) (Sb\$1O\$1X)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/11 08:22
S189	78	S188 and (luminescen\$3 fluorescen\$4 phosphor\$5 (light\$1emit\$3))	US_PGPUB; USPAT; USOCR	OR	OFF	2009/03/11 08:23
S190	81	S188 and (luminescen\$3 fluorescen\$4 phosphor\$5 (light\$1emit\$3))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/11 08:23

S191	:32	S190 not phosphorus	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/11 08:24
S192	:2	((Ba\$1Sb\$1O\$1) (Ca\$1Sb\$1O\$1) (Sr\$1Sb\$1O\$1) (Be\$1Sb\$1O\$1) (Mn\$1Sb\$1O\$1)) with (phosphor luminescent fluorescent)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/11 09:07
S193	:2	((Ba\$1Sb\$1O\$1) (Ca\$1Sb\$1O\$1) (Sr\$1Sb\$1O\$1) (Be\$1Sb\$1O\$1) (Mn\$1Sb\$1O\$1)) with (phosphor luminescent fluorescent (light\$1emit\$3))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/11 09:18
S194	:4	((Ba\$1Sb\$1O\$1)((Barium Calcium Strontium Beryllium Manganese) near1 antimonate) (Ca\$1Sb\$1O\$1) (Sr\$1Sb\$1O\$1) (Be\$1Sb\$1O\$1) (Mn\$1Sb\$1O\$1)) with (phosphor luminescent fluorescent (light\$1emit\$3))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/11 09:24
S195	:10	(alkaline near1 earth near1 metal near1 antimonate)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 14:33
S196	:3	S195 and "red"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 14:33

S197	:0	("calcium fluoro\$1antimonate")	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 15:26
S198	:4	("calcium fluoroantimonate") ("calcium metantimonate") ("calcium pyroantimonate")	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 15:27
S199	:4	(calcium near1 fluoro\$1antimonate) (calcium near1 met\$1antimonate) (calcium near1 pyro\$1antimonate)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 15:31
S200	:0	S199 not S198	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 15:31
S201	:0	("2007/0035813").URPN.	USPAT	OR	ON	2009/03/11 15:32
S202	:12	(calcium with (fluoro\$1antimonate met\$1antimonate pyro\$1antimonate))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 15:34
S203	:18	"2755254" "20020195938"	US_PGPUB; USPAT; USOCR	OR	ON	2009/03/11 16:31
S204	:3	("2755254" "20020195938").pn.	US_PGPUB; USPAT; USOCR	OR	ON	2009/03/11 16:31
S205	:2	"63101476".pn.	EPO; JPO; DERWENT	OR	ON	2009/03/11 16:32

S206	:30	((roth).in. with gundula) ((tews).in. with walter)	US_PGPUB; USPAT; USOCR	OR	ON	2009/03/11 16:43
S207	:1	S206 and (alkaline earth metal antimonate red wavelength "600" "670")	US_PGPUB; USPAT; USOCR	AND	ON	2009/03/11 16:44
S208	:1	"63101476".pn.	JPO	OR	ON	2009/03/12 05:54
S209	:7	("alkaline earth metal antimonate")	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/23 07:49
S210	:1	(S209 and "red")	US_PGPUB; USPAT; USOCR	OR	ON	2009/03/23 07:49
S211	:40788	"252".clas. and @ad<"20021220"	US_PGPUB; USPAT; USOCR	OR	ON	2009/03/23 07:54
S212	:4987	S211 and (phosphor fluorescent luminescent)	US_PGPUB; USPAT; USOCR	OR	ON	2009/03/23 07:54
S213	:29	S212 and ("red" with manganese with (titanate silicate aluminate germanate))	US_PGPUB; USPAT; USOCR	OR	ON	2009/03/23 07:54
S214	:0	("2007/0035813").URPN.	USPAT	OR	ON	2009/03/23 08:02
S215	:2	("alkaline earth metal antimonate") and (manganese with (antimonate silicate germanate aluminate)) and (europium with (silicate germanate))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 12:10
S216	:7	("alkaline earth metal antimonate")	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 12:12

S217	:5	S216 not S215	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 12:12
S218	:7196	(manganese with (antimonate silicate germanate aluminate))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 12:13
S219	:345	(manganese with (antimonate silicate germanate aluminate)) and (europium with (silicate germanate))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 12:13
S220	:350	(S217 S219)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 12:13
S221	:0	(S217 and S219)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 12:14
S222	:7	("20030038295" "20030227023" "20040135504" "6577073" "6639360" "7005667" "7005679").PN.	US_PGPUB; USPAT; USOCR	OR	ON	2009/08/26 12:29
S223	:5	("20020105266" "6069440" "6252254" "6351069" "6680568").PN.	US_PGPUB; USPAT; USOCR	OR	ON	2009/08/26 12:41
S224	:95	S220 and (phosphor near5 (mixture blend))	US_PGPUB; USPAT; USOCR	OR	ON	2009/08/26 13:06
S225	:6	("20020063301" "20020140352" "20030075705" "5227254" "6096243" "7294956").PN.	US_PGPUB; USPAT; USOCR	OR	ON	2009/08/26 13:11

S226	:141	S220 not S224	US_PGPUB; USPAT; USOCR	OR	ON	2009/08/26 13:25
S227	:3	S220 and (silicate near1 germanate)	US_PGPUB; USPAT; USOCR	OR	ON	2009/08/26 13:34
S228	:1	S227 and (phosphor near3 (blend mixture))	US_PGPUB; USPAT; USOCR	OR	ON	2009/08/26 13:36
S229	:1	S224 and (silicate near1 germanate)	US_PGPUB; USPAT; USOCR	OR	ON	2009/08/26 13:36
S230	:14	S218 and (silicate near1 germanate)	US_PGPUB; USPAT; USOCR	OR	ON	2009/08/26 13:37
S231	:6	S230 and (phosphor near5 (mixture blend))	US_PGPUB; USPAT; USOCR	OR	ON	2009/08/26 13:37
S232	:52	(phosphor).ab. and (silicate near1 germanate)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 13:43
S233	:1	("alkaline earth metal antimonate") and ((manganese near1 activated) ":Mn") and (antimonate titanate "silicate-germanate" aluminate) and ((europium near1 activated) ":Eu")	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 07:42
S234	:2771	((manganese near1 activated) ":Mn") and (antimonate titanate "silicate-germanate" aluminate) and ((europium near1 activated) ":Eu")	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 07:43
S235	:14	S234 and (silicate\$1germanate)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 07:43

S236	:10	S235 and "earth metal"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 07:44
S237	:1	S236 and antimonate	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 07:45
S238	:161	S234 and antimonate	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 07:46
S239	:57	S238 and "earth metal"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 07:46
S240	:7	S239 and phosphor.ab.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 07:48
S241	:842	S234 and ((mixture combination mixed combined combining) with phosphors)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 07:52

S242	:0	"252".clas. and ("CaSb.sub.20.sub.6" "Ca.sub.2Sb.sub.20.sub.7" "(Ca, Sr)Sb.sub.20.sub.6" "(Ca, Sr, Ba).sub.2Sb.sub.20.sub.7" "Ca.sub.2Sb. sub.20.sub.6F" "Ca.sub."\$2" Mg"\$3" Sb.sub.2F" "Ca.sub.2Sb.sub.20. sub.6F.sub."\$3Cl\$3 "MgSb.sub.20.sub.6" "S" "\$3" Zn" "\$3" Sb.sub.20. sub.7") and (("CaSb.sub.20.sub.6" "Mg.sub.2Sb.sub.20.sub.7" "Mg"\$3" Li"\$3S" Sb.sub.20.sub.6" "(Ca, Sr)Sb.sub.20.sub.7" "CaSb. sub.20.sub.6F" "(Ca, Sr)Sb"\$3" Ge"\$3" O.sub.7") ("Mg.sub.2TiO.sub.4" "MgZnTiO.sub.4" "MgBeTiO.sub.4" "CaMg TiO.sub.4" "Sr"\$3" Li"\$3" TiO. sub.4") ("MgAl.sub.2O.sub.4" "CaAl.sub.12O.sub.19" "SrAl.sub.12O. sub.19" "MgAl.sub.12O.sub.19" "BeAl.sub.12O.sub.19" "SrAl.sub.2O. sub.4" "Mg.sub.2Al.sub.10O.sub.17" "SrMgAl.sub.10O.sub.17" "Sr. sub.2MgAl.sub.16O.sub.27")) and ((("Ca"\$3" Sr"\$3" Ba"\$4" Zn"\$4" Si"\$3" Ge"\$3" O.sub.4") ("Ca"\$3" Sr"\$3" Ba"\$4" Mg"\$3" Zn"\$4" Si"\$3" Ge"\$3" O.sub.4") ("Ca" near3 "Sr" near3 "Zn" near4 "Si" near4 "Ge" near4 "O.sub.4")) and ((("Sr" near3 "Ba" near3 "P" near3 "O") ("SrBaP.sub.2O.sub.7" "Sr.sub.4Si. sub.3O.sub.8Cl.sub.4" "BaZrO.sub.3" "Ca.sub.3(PO.sub.4).sub.2CaCl. sub.2" "(Ba, Ca, Mg).sub.10(PO.sub.4).sub.6Cl.sub.2" "(Sr, Ba)Al.sub.2Si. sub.2O.sub.8"))	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/03 09:03
S243	:1	("CaSb.sub.20.sub.6" "Ca.sub.2Sb.sub.20.sub.7" "(Ca, Sr)Sb.sub.20. sub.6" "(Ca, Sr, Ba).sub.2Sb.sub.20.sub.7" "Ca.sub.2Sb.sub.20.sub.6F" "Ca.sub.2Sb.sub.20.sub.6F.sub" "MgSb.sub.20.sub.6") and ((("CaSb. sub.20.sub.6" "Mg.sub.2Sb.sub.20.sub.7" "(Ca, Sr)Sb.sub.20.sub.7" "CaSb.sub.20.sub.6F") ("Mg.sub.2TiO.sub.4" "MgZnTiO.sub.4" "MgBeTiO.sub.4" "CaMg TiO.sub.4") ("MgAl.sub.2O.sub.4" "CaAl.sub.12O.sub.19" "BeAl. sub.12O.sub.19" "SrAl.sub.12O.sub.19" "MgAl.sub.12O.sub.19" "BeAl. sub.12O.sub.19" "SrAl.sub.2O.sub.4" "Mg.sub.2Al.sub.10O.sub.17" "SrMgAl.sub.10O.sub.17" "Sr.sub.2MgAl.sub.16O.sub.27")) and ("SrBaP. sub.2O.sub.7" "Sr.sub.4Si.sub.3O.sub.8Cl.sub.4" "BaZrO.sub.3" "Ca. sub.3(PO.sub.4).sub.2CaCl.sub.2" "(Ba, Ca, Mg).sub.10(PO.sub.4). sub.6Cl.sub.2" "(Sr, Ba)Al.sub.2Si.sub.2O.sub.8"))	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/03 09:27
S244	:0	("Ca" "Ba" "Sr" "Cd" "Zn" "Be" "Mg" "Eu" "Mn" "Sc" "Y" "La" "Sm" "Gd" "Ce" "Pr" "Dy" "Tb") near2 ("Li" "Na" "K" "Rb" "Cs") near2 ("Sb") near2 "O" near2 ("F" "Cl" "Br")	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/03 09:55
S245	:4	("Ca" "Ba" "Sr" "Cd" "Zn" "Be" "Mg" "Eu" "Mn" "Sc" "Y" "La" "Sm" "Gd" "Ce" "Pr" "Dy" "Tb") near3 ("Li" "Na" "K" "Rb" "Cs") near3 ("Sb") near3 "O" near3 ("F" "Cl" "Br")	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/03 09:56
S246	:40826	"252".clas. and @ad<20021220"	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/27 10:36
S247	:861	S246 and (mixture with phosphor)	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/27 10:36

S248	5	S247 and (antimonate)	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/27 10:51
S249	156	S246 and (antimonate)	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/27 10:51
S250	69	S249 and (borate silicate)	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/27 10:52
S251	47	S250 and phosphate	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/27 10:52
S252	114488	"252".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/29 06:58
S253	23302	S252 and phosphor\$5	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/29 06:58
S254	1640	S253 and (phosphor near1 (mixture combination blend aggregate conglomeration medley composition))	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/29 07:00
S255	2537	S253 and (phosphor\$5 near1 (mixture combination blend aggregate conglomeration medley composition))	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/29 07:01
S256	785	S255 and (antimonate silicate germanate)	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/29 07:01
S257	586	S256 and (Europium Manganese Eu\$2 Mn\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/29 07:02
S258	709	S256 and ("Cl" "F" "Br" chlorine fluorine bromine)	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/29 07:04
S259	536	S257 and ("Cl" "F" "Br" chlorine fluorine bromine)	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/29 07:04
S260	0	S257 and (((Mg" "Ca" "Sr" "Ba") with (anti\$1monate)) ("MgSb.sub.20.sub.6" "CaSb.sub.20.sub.6" "Ca.sub.2Sb.sub.20.sub.7" "Ca.sub.2Sb.sub.20.sub.6F"))	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/29 07:22
S261	0	S257 and (((Mg" "Ca" "Sr" "Ba") with (anti\$1monate)) ("MgSb.sub.20.sub.6" "CaSb.sub.20.sub.6" "CaSb.sub.20.sub.7" "CaSb.sub.20.sub.6F"))	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/29 07:23
S262	0	S257 and ((Mg" "Ca" "Sr" "Ba" "alkaline earth metal") with (anti\$1monate))	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/29 07:24
S264	0	S255 and ((Mg" "Ca" "Sr" "Ba" "alkaline earth metal") with (anti\$1monate))	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/29 07:24
S265	0	S255 and ((Mg" "Ca" "Sr" "Ba" "alkaline earth metal") with (antimonate))	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/29 07:25

S266	:4	S252 and (("Mg" "Ca" "Sr" "Ba" "alkaline earth metal") with (antimonate))	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/29 07:25
S267	:2679	S252 and (("Mg" manganese "Ca" calcium "Sr" strontium "Ba" barium "alkaline earth metal") with (antimonate fluoro\$1antimonate antimony "Sc"))	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/29 07:27
S268	:206	S255 and (("Mg" manganese "Ca" calcium "Sr" strontium "Ba" barium "alkaline earth metal") with (antimonate fluoro\$1antimonate antimony "Sc"))	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/29 07:27
S269	:88	S267 and (antimonate)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/29 08:09
S270	:304	S253 and (phosphor\$5 near1 (mixture combination blend aggregate conglomeration medley composition).ab.)	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/29 08:24
S271	:276	S270 not (S269 S268 S266)	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/29 08:25
S272	:1	"5424006".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/29 08:54

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